App. F. IX-4

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Previous References (P.P)

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Later References

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General and Revenue Secretariat.

Serial No. 1

Part B for Sept. 1930

SUBJECT

Rules & regulations relating to recruitment to the Indian Service of Engineers

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Poe 286

[R.O. 106.]

All communications should be addressed to the Secretary to the Resident in Mysore, Bangalore, by designation and not by name.

OFFICE OF THE RESIDENT IN MYSORE,

Bangalore, 2nd Septr., 193 0.

No. 6908 Enclos. 3
180-1926

CB 839
PP 42-30

*with a spare copy.

A copy of the marginally* noted letter, with enclosure, is forwarded with compliments, to the C h i e f Secretary to the Government of H. H. the Maharaja of Mysore, for information.

Letter *No. E.22,
dated the 22nd August 1930,
from the Government of India, Department of Industries and Labour.

Subd for perusal
4/9/30
4/9/30
3/9/30

for *Secretary to the Resident.*

168—28-6-1930—5,000—RPB.

Letter No.E22, dated the 22nd August, 1930, from the Joint Secretary to the Government of India, Department of Industries and Labour, Public Works Branch, Simla, to all Provincial Governments.

Rules and regulations relating to recruitment to the Indian Service of Engineers.

I am directed to forward ten copies of the reprint of the rules and regulations relating to the recruitment to the Indian Service of Engineers, as modified up to date, and to request that the rules and regulations may kindly be published in the next issue of the provincial gazette, ~~ix~~ if possible.

2. The next competitive examination will be held at Delhi, beginning on the 26th January 1931. The necessary instructions in this connection will be issued by the Public Service Commission, who will also supply the Government of Madras, with copies of the forms of application for admission to the examination, etc., the syllabus thereof and the medical regulations as also with as many additional copies of the rules and regulations referred to in paragraph 1 above as the local Government may require.

"C o p y"

2.9.30

Superintendent, Resident's Office.

ASB/1.9.

DEPARTMENT OF INDUSTRIES AND LABOUR.

NOTIFICATION.

PUBLIC WORKS BRANCH.

Simla, the 13th August 1930.

No. E22.—The rules and regulations published with this Department's Notifications Nos. E22 (1) and E22 (2), dated the 26th September 1929, and No. E22 (2), dated the 7th May 1930, as modified up to date, are republished below for general information :—

The Indian Service of Engineers (Recruitment) Rules, 1929.

PART I.—METHODS OF RECRUITMENT.

1. These rules may be called the Indian Service of Engineers (Recruitment) Rules, 1929.

2. The Indian Service of Engineers shall be recruited by any of the following methods :—

(*a*) By selection in England in accordance with Part II of these rules and such supplementary regulations as may be made by the Secretary of State in Council ;

(*b*) by competitive examination in India in accordance with Part III of these rules and such supplementary regulations as may be made by the Governor-General in Council ;

(*c*) by direct appointment in accordance with Part IV of these rules of persons selected in India otherwise than by competitive examination ;

(*d*) by the promotion in accordance with Part V of these rules on the recommendation of local Governments of members of the Provincial Engineering Services ;

(*e*) by the transfer in accordance with Part VI of these rules of an officer in Government service in India other than a member of the Provincial Engineering Service.

3. (1) All appointments to the Indian Service of Engineers shall be made by the Secretary of State in Council.

(2) No appointment shall be made to the Indian Service of Engineers by any method not specified in Rule 2.

(3) Subject to the provisions of sub-rule (2) the method or methods of recruitment to be employed for the purpose of filling any particular vacancies in the Indian Service of Engineers or such vacancies therein as may be required to be filled during any particular period, and the number of candidates to be recruited by each method, shall be determined by the Governor-General in Council in accordance with principles prescribed by the Secretary of State in Council.

PART II.—APPOINTMENT BY SELECTION IN ENGLAND.

4. Candidates shall have attained the age of 21 and shall not have attained the age of 24 on the 1st January of the year of candidature.

5. Except in so far as the Secretary of State in Council may, by general or special order, otherwise prescribe, no person shall be deemed eligible for appointment who is not a male and who does not satisfy the Secretary of State in Council—

(*a*) that his character is such as to qualify him for employment in the Indian Service of Engineers ;

(*b*) that he is a European British subject of non-Asiatic domicile ; and

(*c*) that if he (being a European British subject of non-Asiatic domicile) or his father or his mother was not born within His Majesty's dominions and allegiance, then at the time of his birth his father was a British subject and still is, or continued to be until his death, a British subject.

PART III.—APPOINTMENT BY COMPETITIVE EXAMINATION IN INDIA.

6. A candidate must be a male and either—

(*i*) a British subject of Indian domicile who was, and whose father and mother were, born within His Majesty's dominions and allegiance, or

(*ii*) a British subject of Indian domicile whose father was at the time of the candidate's birth and still is (or, if dead, continued until his death to be) a British subject or a subject of a State in India, or

(*iii*) a ruler or a subject of a State in India in respect of whom the Governor-General in Council has made a declaration under section 96-A of the Government of India Act.

7. A candidate must be in good mental and bodily health and free from any physical defect likely to interfere with the efficient performance of the duties of a member of the Indian Service of Engineers, and a candidate who is found after examination by a Medical Board not to satisfy these requirements will not be appointed.

8. A candidate must satisfy the Public Service Commission that his character is such as to qualify him for employment in the Indian Service of Engineers.

9. A candidate must have attained the age of 21 and not have attained the age of 25 on the 1st day of August next preceding the date of the competitive examination.

NOTE.—The Governor-General in Council may, with the approval of the Secretary of State in Council, relax this condition in special cases in respect of the first competitive examination to be held in 1930.

10. A candidate must possess such degree or other academic qualification as may be prescribed by the Governor-General in Council. No candidate shall be admitted to the competitive examination unless he holds a certificate of acceptance for admission granted by the Public Service Commission.

11. The competitive examination shall be conducted in accordance with regulations made by the Governor-General in Council, and such fees may be charged to candidates as may be prescribed in those regulations. The maximum number of candidates to be admitted to the examination may, in the discretion of the Governor-General in Council, be limited to such number not being less than 200, as the Governor-General in Council may decide. If a limit is imposed and the number of candidates exceeds that limit, the Public Service Commission shall select from among the applicants those who shall be admitted to the examination.

12. The selected candidates will be required to undergo satisfactorily a course of training in accordance with rules made by the Governor-General in Council.

PART IV.—APPOINTMENT BY SELECTION IN INDIA OTHERWISE THAN BY COMPETITIVE EXAMINATION.

13. The Governor-General in Council shall call on the Public Service Commission to recommend and arrange in order of preference such number of candidates as he may direct to be selected with regard to the community to which they belong or to such other considerations as he may prescribe.

14 The recommendation shall be made from the list of candidates who have sat at the last preceding competitive examination held in India for the Indian Service of Engineers, and have attained a qualifying standard, and the candidates so recommended must satisfy the Public Service Commission that they are in all respects suitable for employment in the Indian Service of Engineers.

15. The Governor-General in Council shall forward to the Secretary of State in Council the recommendations made by the Public Service Commission and shall propose candidates for appointment as selected candidates.

16. The selected candidates will be required to undergo satisfactorily a course of training, as laid down in Rule 12.

PART V.—APPOINTMENT BY PROMOTION FROM THE PROVINCIAL ENGINEERING SERVICES.

17. Where recruitment is to be made by promotion from the Provincial Engineering Services it shall be made in accordance with Rule 6 of the Public Service Commission (Functions) Rules, 1926, or any variation thereof for the time being in force.

PART VI.—APPOINTMENT BY TRANSFER OF A GOVERNMENT SERVANT OTHER THAN A MEMBER OF THE PROVINCIAL ENGINEERING SERVICE.

18. The Secretary of State in Council may, in special cases and on the recommendation of the Governor-General in Council, made after consulting the Public Service Commission, transfer an officer in Government service in India (other than a member of the Provincial Engineering Service) to the Indian Service of Engineers.

Regulations for recruitment to the Indian Service of Engineers by competitive examination in India.

1. Candidates desiring to be admitted to the competitive examination shall apply before such date to such person and in such manner as the Governor-General in Council shall direct.

2. The competitive examination shall be held in India at such time and in such place or places as the Governor-General in Council shall direct.

3. A candidate must—

(*i*) hold the Engineering Certificate of the Thomason Civil Engineering College, Roorkee ; or

(*ii*) have passed parts A and B of the Associate Membership examination of the Institution of Engineers (India) or

(*iii*) have passed one of the Indian examinations mentioned in Schedule I ; or

(*iv*) have obtained an Engineering degree of one of the Universities mentioned in Schedule II under the conditions mentioned in that schedule ; or

(*v*) have passed Sections A and B of the Associate Membership examination of the Institution of Civil Engineers; or

(*vi*) have passed the Associateship examination of the City and Guilds Institute (Imperial College of Science and Technology, South Kensington) in Engineering ; or

(*vii*) have passed the Associate Membership examination of the Institution of Mechanical Engineers or Graduateship examination of the Institution of Electrical Engineers ; or

(*viii*) have passed the Associate examination of the Bengal Engineering College in Mechanical Engineering ; or

(*ix*) have obtained such other diploma or distinction in Engineering as the Governor-General in Council, on the advice of the Public Service Commission, may specify in this behalf.

4. Candidates will be required to undergo examination by a Medical Board, and no candidate will be admitted to the written examination who does not satisfy the Medical Board that he fulfils the requirements of Rule 7.

5. No recommendations except those invited in the form of application will be taken into consideration. Any attempt on the part of a candidate to obtain support for his application by other means may disqualify him for selection.

6. Candidates must pay the following fees :—

(*i*) Rs. 5 with the application form,

(*ii*) Rs. 16 before examination by a Medical Board, and

(*iii*) if accepted for admission to the competitive examination, Rs. 75 within three weeks after the date of the intimation of such acceptance.

No claim for a refund of these fees will be entertained.

7. The standard and syllabus of the examination shall be determined by the Public Service Commission and the Commission shall, if they think it desirable, determine what shall be the qualifying marks in all or any of the subjects of examination.

8. The examination will include the following subjects each of which will carry the number of marks shown against it :—

	Marks.
(*a*) *Compulsory*—	
(1) English (including Essay and Précis Writing).	100
(2) General knowledge	200
(3) Applied Mathematics ..	100
(4) Applied Mechanics (including Strength of Materials and Theory of Structures).	100
(5) *Viva Voce*	200

(*b*) *Optional*—

Not more than two of the following subjects :—

	Marks.
(1) Physics (including Electricity and Magnetism).	100
(2) Prime Movers	100
(3) Hydraulics and Hydraulic machines.	100
(4) Construction	100
(*i*) Building materials,	
(*ii*) Design of structures,	
(*iii*) General principles governing the design of Railways, roads, harbours and other works.	
(5) Surveying ..	100
(6) Sanitary Engineering and Water Supply.	100
(7) Electrical Engineering ..	100

9. From the marks assigned to candidates in each subject such deduction will be made as the Public Service Commission may consider necessary in order to secure that no credit is allowed for merely superficial knowledge.

10. If a candidate's handwriting is not easily legible a deduction will be made on this account from the total marks otherwise accruing to him.

11. Credit will be given for good English, including orderly, effective and exact expression combined with due economy of words, in all the subjects of the examination and not only in the subjects which are specially devoted to English.

SCHEDULE I.

Final examinations leading up to the following degrees :—

B. E. of Bombay University.

B. E. of Calcutta University (College of Engineering, Sibpur).

B. E. of Madras University.

B. Sc. (Engineering), Benares Hindu University.

The examination for the Certificate in Electrical Technology of the Indian Institute of Science, Bangalore.

SCHEDULE II.

Oxford.—B.A., with Honours in the Engineering Science Final Honours School.

Cambridge.—B.A., with Honours in Mechanical Science Tripos, or Ordinary degree (B.A.) in Engineering, provided the graduate has passed in the principal subjects, Engineering I, Engineering II, and Engineering III.

St. Andrews.—B.Sc. in Engineering (Honours or Ordinary degree).

Glasgow.—B.Sc. in Civil or Mechanical or Electrical Engineering, or in Naval Architecture (Honours or Ordinary degree).

Edinburgh.—B.Sc. in Engineering (Honours or Ordinary degree).

Dublin.—B.A.I. (Ordinary or with Honours in Engineering).

Durham.—B.Sc. in Civil, or Mechanical, or Electrical, or Marine Engineering, or in Naval Architecture (Honours or Ordinary degree).

London.—B.Sc. (Internal degree) in Engineering, Ordinary or with Honours [not including the B.Sc. in Engineering (Mining) or the B.Sc. in Engineering (Metallurgy)]. The External degree is also accepted to the same extent, provided it is recognised by the Institution of Civil Engineers as exempting from Sections A and B of the A. M. I. C. E. examination.

Victoria University (Manchester).—B.Sc. in Engineering (Honours degree or Ordinary degree obtained in and after 1920). B.Sc. Tech. in Mechanical or Electrical Engineering (Higher Course degree or Ordinary Course degree with a First Division pass in the Final Examination).

Birmingham.—B.Sc. in Civil, Mechanical, or Electrical Engineering (Honours or Ordinary degree).

Liverpool.—B.Eng. in Civil, Mechanical, Electrical or Marine Engineering, or Naval Architecture (Honours or Ordinary degree).

Leeds.—B.Sc. in Civil, Mechanical or Electrical Engineering (Honours or Ordinary degree).

Sheffield.—B.Eng. in Civil, Mechanical or Electrical Engineering (Honours degree or Ordinary degree with a First Class in the Final Examination). A First Class in the Final Examination will not be required in the cases of degrees obtained in or after June 1930.

Bristol.—B.Sc. in Civil or Mechanical or Electrical Engineering (Honours or Ordinary degree).

University of Wales.—B.Sc. in Civil, Mechanical, or Electrical Engineering.

National University of Ireland.—B.E.

Queen's University, Belfast.—B.Sc. in Engineering.

Aberdeen.—B.Sc. in Engineering (Honours or Ordinary degree).

NOTE.—The above degrees will be accepted only if taken after three years' study and the passing of the regular examinations in the several Universities. The conditions as to three years' study will not, however, apply to Indians who, having taken an Indian degree, which exempts them from part of the University course, shall have taken one of the above degrees in less than three years in accordance with the regulations of the University concerned.

Rules regulating the training of candidates selected under the provisions of sub-rules (b) and (c) of rule 2 of the Indian Service of Engineers (Recruitment) Rules, 1929.

1. Candidates selected under the provisions of sub-rules (*b*) and (*c*) of rule 2 of the Indian Service of Engineers (Recruitment) Rules, 1929, are required to undergo a course of practical training for one year. During this period they will be designated "students" and granted such subsistence allowance as may be considered suitable by the local Government of the province to which they may be posted for undergoing the course.

2. Every candidate is required to conduct himself during the period of practical training in a manner satisfactory to the Governor-General in Council and to give evidence of satisfactory progress in his training in such a manner as may be required, failing which, or in the event of serious misconduct, he is liable to be discharged.

3. The Governor-General in Council may extend the period of practical training beyond the period of one year specified in rule 1.

T. RYAN,

Joint Secy. to the Govt. of India.

H105DIL—2,350—19-8-30—GIPS

DEPARTMENT OF INDUSTRIES AND LABOUR.

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(*e*) by the transfer in accordance with Part VI of these rules of an officer in Government service in India other than a member of the Provincial Engineering Service.

3. (1) All appointments to the Indian Service of Engineers shall be made by the Secretary of State in Council.

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(3) Subject to the provisions of sub-rule (2) the method or methods of recruitment to be employed for the purpose of filling any particular vacancies in the Indian Service of Engineers or such vacancies therein as may be required to be filled during any particular period, and the number of candidates to be recruited by each method, shall be determined by the Governor-General in Council in accordance with principles prescribed by the Secretary of State in Council.

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4. Candidates shall have attained the age of 21 and shall not have attained the age of 24 on the 1st January of the year of candidature.

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6. A candidate must be a male and either—

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(*iii*) have passed one of the Indian examinations mentioned in Schedule I ; or

(*iv*) have obtained an Engineering degree of one of the Universities mentioned in Schedule II under the conditions mentioned in that schedule ; or

(*v*) have passed Sections A and B of the Associate Membership examination of the Institution of Civil Engineers ; or

(*vi*) have passed the Associateship examination of the City and Guilds Institute (Imperial College of Science and Technology, South Kensington) in Engineering ; or

(*vii*) have passed the Associate Membership examination of the Institution of Mechanical Engineers or Graduateship examination of the Institution of Electrical Engineers ; or

(*viii*) have passed the Associate examination of the Bengal Engineering College in Mechanical Engineering ; or

(*ix*) have obtained such other diploma or distinction in Engineering as the Governor-General in Council, on the advice of the Public Service Commission, may specify in this behalf.

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	Marks.
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(3) Applied Mathematics ..	100
(4) Applied Mechanics (including Strength of Materials and Theory of Structures).	100
(5) *Viva Voce*	200
(*b*) *Optional*—	
Not more than two of the following subjects :—	
	Marks.
(1) Physics (including Electricity and Magnetism).	100
(2) Prime Movers	100
(3) Hydraulics and Hydraulic machines.	100
(4) Construction	100
(*i*) Building materials,	
(*ii*) Design of structures,	
(*iii*) General principles governing the design of Railways, roads, harbours and other works.	
(5) Surveying	100
(6) Sanitary Engineering and Water Supply.	100
(7) Electrical Engineering ..	100

9. From the marks assigned to candidates in each subject such deduction will be made as the Public Service Commission may consider necessary in order to secure that no credit is allowed for merely superficial knowledge.

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Final examinations leading up to the following degrees :—

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The examination for the Certificate in Electrical Technology of the Indian Institute of Science, Bangalore.

SCHEDULE II.

Oxford.—B.A., with Honours in the Engineering Science Final Honours School.

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National University of Ireland.—B.E.

Queen's University, Belfast.—B.Sc. in Engineering.

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1. Candidates selected under the provisions of sub-rules (*b*) and (*c*) of rule 2 of the Indian Service of Engineers (Recruitment) Rules, 1929, are required to undergo a course of practical training for one year. During this period they will be designated "students" and granted such subsistence allowance as may be considered suitable by the local Government of the province to which they may be posted for undergoing the course.

2. Every candidate is required to conduct himself during the period of practical training in a manner satisfactory to the Governor-General in Council and to give evidence of satisfactory progress in his training in such a manner as may be required, failing which, or in the event of serious misconduct, he is liable to be discharged.

3. The Governor-General in Council may extend the period of practical training beyond the period of one year specified in rule 1.

T. RYAN,

Joint Secy. to the Govt. of India.

H105DiL--2,350—19-8-30—GIPS